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Specification

Toilet Paper Making Machine

Machine Outlook



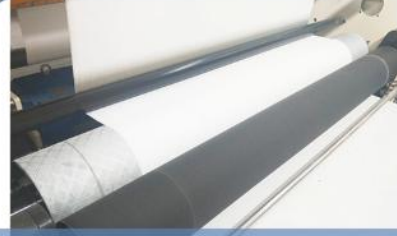




Glue Lamination Part



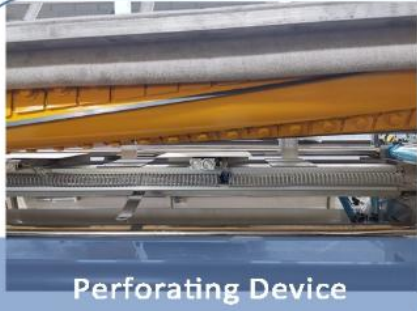
Jumbo Roll Standing



Steel To Rubber



Finished Log



Perforating Device



Pneumatic Lift



Electric Control Cabinet



PLC



Tail Gluing Device



Our Company



2. Main Features and Advantages

Automatic High Speed Toilet Paper/ Maxi Roll Rewinding Machine is for toilet paper roll/maxi roll processing. Machine have core feeding unit, can do both with and without core. Raw material from jumbo roll after full embossing or edge embossing, then perforation, end cutting and spray the tail glue become a log. Then it can working with cutting machine and packing machine to become the finished products. The machine is controlled by PLC, people operate it through touch screen, the whole process is automatic, easy to operate, lower the man cost. And Our machine can special-made according to clients' requirements.

3. Technical Parameters

Model	1092B	1575B	2400B	2600B	2800B	3000B
Jumbo Roll Max. width	1200mm	1750mm	2400mm	2600mm	2800mm	3000mm
Max. Jumbo Roll diameter	2-3 stands (pls specify when order) Paper gram weight 13-16 g/m ²					
Jumbo Roll Standings	Standardφ3"(76.2mm) (Other sizes specified)					
Data setting	HMI					
Programming controller	PLC, touch screen					
Operate Speed	0-230m/min 15000-25000 rolls/8hours					
Finished Log Outer dia.	φ90-140mm					
Finished Log Inner dia.	φ38-76mm					
Perforation Distance	100-150mm					
Mechanical driving	Driving by Stepless gear box					
Air -system	3HP air compressor, min. pressure 5kg/cm ² pa (provide by user)					
Main driving	Frequency conversion speed regulation 7.5-15KW 380V,50HZ					
Embossing unit	Steel to rubber					
Dimensions	6x3x1.7 (length x width x height);(m)					
Weight	3T-4T(depends on the Model you have)					
Embossment Roller	Plane, Single Set, Double Sets Can be ordered					
Color Printing Unit	1-2 Colors can be order					
Lamination Unit	Can be Ordered					

SYD-LS 2800 Full Automatic Log Saw Machine For Cutting



Main Features

1. When the paper roll is pushed into the cutting system, it will be nipped by the clamp tool and cut after it is sent to the blade.
2. Equipped with advanced photoelectric checking system and large diameter of spiral cutter, it can auto set the length and cut precisely.
3. The cutting system is under perfect designing with auto sharpening system, while the grinding bowl can count precisely to grind the blade in time as per the cutting times.
4. The machine adopts advanced servo driving, frequency convention speed regulating. PLC control and touching screen operation. The blade grinding frequency, the cutting speed as well as the cutting length is adjustable on PLC screen. Which have smoothed the pushing, cutting and sharpening.
5. Equipped with pneumatic brake function, can prolong the service life of motor and make braking perfect.
6. Suction Device can absorb the waste produced by sharpening and discharge it out of the machine. It is helpful to make the grinding sharper and reduce the rate of defective products

Technical Parameter

Paper Roll Length:	1300~3200mm (Different in log length, different in machine price)
Finished products diameter	105±5mm (please specify ,more than130mm height need order separately)
Horizontal cutting length	Changeable, Servo control, Tolerance ±1m
Specification of the Finished Products	Log outer diameter: 90mm-150mm(unless specified request, we generally supply the clamp according to the standard of 110±5mm)
	Cutting Length: 50-300mm
	Edge Length: 25-50mm
Finished products diameter	105±5mm (please specify ,more than130mm height need order separately)
Machine Speed	140-150 cuts/min, 2 rolls/cut
Operating speed	100-120 cuts/min, 2 rolls/cut
Function model	Spiral rotating round blade & continued paper log marching
Pushing drive control	Servo motor driving
Knife grinding	Pneumatic grinding wheel, time and rate can be controlled on panel , it can grinding through automatic process
Round blade outer diameter	610mm
Clamping tool (mould)	Exchangeable (please point out the diameter of log.)
Power	10KW,380V,50HZ(Other voltage need order)
Machine size LXWXH (M)	(7-9) X 2 X 1.8 M
Weight	About 2500-3000KG

Main Components List

No.	Spare part's name	Brand
1	PLC Control System	Delta Taiwan
2	Touch Screen	Delta Taiwan
3	Relay	Schneider

4	Servo Motor	Delta Taiwan
5	Standard cylinder	AirTAC
6	TN type cylinder	AirTAC
7	Gas source processor	AirTAC
8	Pressure switch	AirTAC
9	Electromagnetic valve	AirTAC
10	Sensor	Omron Japan
11	Electric switch	Omron Japan
12	Conveyor belt	
13	Machine stand	
14	Machine table	